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(54) Title: RADIO CONTROL TRANSMITTER AND RECEIVER

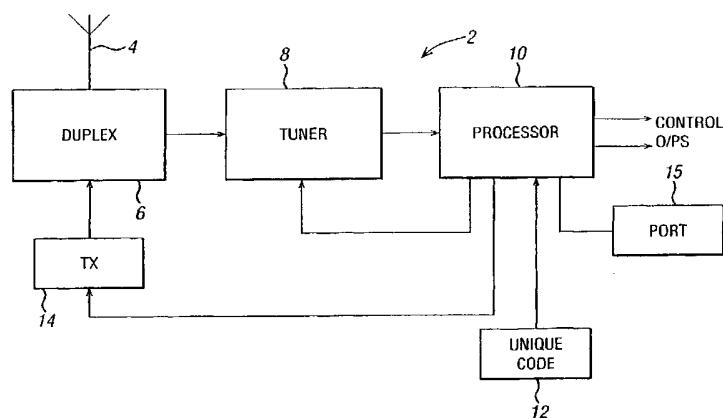
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(57) Abstract: Radio control is used for different types of models, e.g. aircraft, cars and boats. Commonly, a number of different radio channels are allocated in a frequency band for use in radio control. If a modeller finds her or his intended channel in use, s/he can either wait until it becomes free, or retune the transmitter and receiver to a channel which is not in use. This can involve changing two crystals, one of which, in the receiver, may involve partly disassembling the model. A radio control receiver is disclosed having data storage containing code unique to the receiver. The receiver has a tuner arranged to scan a plurality of radio channels. A processor is arranged to process receiver identifying code received on a channel, with the unique code to determine whether transmissions on the channel are intended for the receiver. The tuner is responsive to an output from the processor indicating that transmissions on the channel are intended for the receiver, to lock onto that channel, and to the output from the tuner indicating that the transmissions on that channel are not intended for the receiver, to tune to another of the plurality of radio channels. Having ascertained that a channel is free, the modeller tunes her or his transmitter, switches that on and switches on the receiver. The latter identifies the channel and locks on to it.

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